Section 9

Multi-line residential customers

The number of multi-line residential customers is shown by wire center in Excel workbook files sbfl_1a.xls, sbga_1a.xls, sbnc_1a.xls, sbsc_1a.xls, scal_1a.xls, scky_1a.xls, scla_1a.xls, scms_1a.xls, and sctn_1a.xls. Summary level data for each study area is shown in file bstr_mn2.xls. This information is considered confidential as noted in the "Designation of Confidential Information" statement.

Section 10

Poles

Following is the requested information for the cost of installing a 40-foot pole:

	MATERIAL	LABOR	TOTAL
AL	$ 254.75	$ 160.61	$ 415.36
FL	$ 213.82	$ 196.64	$ 410.46
GA	$ 210.05	$ 176.92	$ 386.97
KY	$ 247.82	$ 172.31	$ 420.13
LA	$ 204.35	$ 154.18	$ 358.53
MS	$ 209.56	$ 146.05	$ 355.61
NC	$ 211.10	$ 165.36	$ 376.46
SC	$ 233.68	$ 151.76	$ 385.44
TN	$ 212.73	$ 192.10	$ 404.83

Section 11

Detailed continuing property records

Detailed continuing property records for the items requested is contained in an ASCII formatted file with comma delimiters as file bsdcpr.csv. A translation table of ECNDR codes is being provided as a sheet in Excel workbook bsdcpr.xls. This Excel workbook file also contains the same continuing property records data as provided in file bsdcpr.csv. A paper copy of these files is not being provided since a printout would be approximately 260 pages. This information is considered confidential as noted in the "Designation of Confidential Information" statement.

Section 12

Digital switches

The information regarding digital switches is being provided in an Excel workbook file bsswitch2.xls. A paper copy of this file is also being provided, with the file name appearing in the lower right hand corner of each page. This information is considered confidential as noted in the "Designation of Confidential Information" statement.

Section 13

Contracts with switching manufacturers

A paper copy of contracts with switching vendors is being provided. This information is considered confidential as noted in the "Designation of Confidential Information" statement.

Section 14

Digital line carrier devices

Information concerning digital loop electronics equipment is being provided as an Excel spreadsheet named bsdle2.xls for 1995 and 1995. The number of lines served after 12 months is not available since the database with this information is dynamic and no historical record is kept of line counts. The line counts shown in the file represent the initial engineering estimate of the number of equipped lines. A paper copy of this information is not being provided because of the extensive length of such a printout. This information is considered confidential as noted in the "Designation of Confidential Information" statement.

Section 15

Drop lines

BST has an engineering guideline published to aid Outside Plant Engineers in sizing drop facilities. The following is in response to questions posed.

(a) The copper pairs/living unit criteria can be found in Exhibit E (attached) of RL 92-08-012BT. This exhibit indicates that the average residential area (including multi-family dwelling) should be sized from 1.5 to 1.8 lines per ultimate living unit. Upscale developments may require 2 or more pairs per living unit, however, these represent only a small percentage of the total cable placements.

(b) Fiber DS0 transmission channels per/living unit is based on the same criteria as copper pairs. See Exhibit E of RL 92-08-012BT above for recommended sizing.

(c) The pair design criteria is the same for both aerial and buried plant.

RL: 92-08-012BT
EXHIBIT E

DISTRIBUTION CABLE SIZING

PERCENTAGE OF RESIDENTIAL LINES DISTRIBUTED BY ADDITIONAL LINE PENETRATION

RESIDENTIAL ADDITIONAL LINES PERCENTAGES

	0-5%	5-10%	10-15%	15-20%	20-30%	30-40%	40-60%	60-80%	80-100%
AL	59.6%	30.2%	7.1%	1.9%	1.1%	0.1%	0.0%	0.0%	0.0%
N FL	55.9%	32.4%	8.2%	2.3%	1.1%	0.1%	0.0%	0.0%	0.0%
S FL	28.2%	18.6%	16.5%	13.2%	13.7%	5.4%	3.1%	1.0%	0.2%
SE FL	39.6%	24.8%	15.3%	7.4%	8.2%	2.7%	1.4%	0.1%	0.5%
ATL-GA	25.6%	30.4%	20.0%	11.5%	9.3%	2.4%	0.6%	0.1%	0.0%
OS-GA	53.9%	33.8%	9.1%	2.0%	1.0%	0.1%	0.1%	0.0%	0.0%
KY	81.9%	13.8%	2.7%	1.3%	0.3%	0.1%	0.0%	0.0%	0.0%
LA	29.3%	40.7%	20.0%	6.1%	3.3%	0.5%	0.1%	0.0%	0.0%
MS	72.2%	22.8%	3.8%	0.7%	0.4%	0.1%	0.0%	0.0%	0.0%
NC	64.9%	26.9%	6.3%	1.2%	0.6%	0.0%	0.0%	0.0%	0.0%
SC	48.9%	33.1%	11.1%	3.9%	2.6%	0.3%	0.1%	0.0%	0.0%
TN	44.6%	33.2%	13.0%	5.5%	3.0%	0.5%	0.2%	0.0%	0.0%
BST	46.9%	30.2%	12.3%	5.3%	3.9%	1.0%	0.4%	0.1%	0.0%
EXISTING ADD LINE USAGE	1.2	1.4	1.6	1.6	1.7	1.8	2.3	2.6	2.8
RECOMMENDED SIZING	1.5	1.6	1.8	1.8	2.0	2.0	2.5	2.8	3.0
UNITS PER 25 PAIRS	17	16	14	14	12	12	10	9	8

RECOMMENDED SIZING PROVIDES FOR 2 DEFECTIVE PLUS 1 REMAINING SPARE OVER THE EXISTING ADDITIONAL LINES USAGE.

Section 16

Maintenance expenses

Maintenance expenses are incorporated into BST's cost studies by using expense loading factors developed from accounting records. Following is a brief explanation of how maintenance expense factors are developed.

The Plant Specific Expense Factors are ratios of maintenance-type expenses by plant category to the respective plant investment. The factors are based on three years of projected expense and investment data. Rent expense is excluded from building expense; net rent (rent revenue less rent expense) is included in pole and conduit expenses. Right to use and service order-related expense were excluded since such expenses are recovered in a direct manner rather than through the use of a factor. Power expense loadings are then added to the factors for central office equipment investment. These plant specific expense factor calculations result in a factor for each category of plant representative of the average expense per investment expected in the future for each plant category.

The Excel workbook file bsload.xls contains a sheet labeled PLANT SPEC with the maintenance expenses loading factors used by BST. These loading factors, where applicable, were used in all costs studies submitted to the state commissions during the course of Section 271 proceedings. Since the maintenance loading factors themselves were not presented in state dockets, a list of the dockets is not being provided. If the Commission finds that a list of the Section 271 dockets would somehow aid in decisions being made in this proceeding, a list can be prepared upon request.

A paper copy of the Excel sheet containing the expense loading factors for outside plant is also included, with the name of the sheet and the Excel workbook file name appearing in the lower right hand corner.

Section 17

Riser cable

Following are answers to the riser cable questions:

a.) Riser cable is installed in multi-unit residential housing and commercial buildings when the property owner requests that network demarcation points be established within the leased premises.

b.) When riser cable is installed as noted above, 100% is considered part of the regulated total plant in service.

Section 18

Residential single-line business and multi-line business customers.

The information requested is contained in the Excel workbook file bstr_mn2.xls.

Section 19

Miles served by wire center

The number of miles served by wire center is contained in Excel workbook files sbfl_1a.xls, sbga_1a.xls, sbnc_1a.xls, sbsc_1a.xls, scal_1a.xls, scky_1a.xls, scla_1a.xls, scms_1a.xls, and sctn_1a.xls.

Section 20

Cost of land and buildings

The cost of land and building by wire center and the number of switches is contained in Excel workbook files sbfl_1a.xls, sbga_1a.xls, sbnc_1a.xls, sbsc_1a.xls, scal_1a.xls, scky_1a.xls, scla_1a.xls, scms_1a.xls, and sctn_1a.xls. The annual cost factors used in BST cost studies for each study area is contained in the Excel workbook file bsload.xls in a sheet named LAND & BLDG.

A paper copy of these files has been provided, with the file and sheet name displayed in the lower right hand corner.

Section 21

Contracts with digital line carrier manufacturers

A copy of contracts with digital line carrier manufacturers is being provided under confidential cover, as noted in the "Designation of Confidential Information" statement.

WIRE CENTER LEVEL DATA -- Attachment 1

Company: BellSouth
Study Area: Florida

WC by Bellcore CLLI code	Question (1) Number of Switched Working Loops: Residential	Sngl. Line Business	Multi Line Business	Non-switched Working Loops	Non-Working Loops	Non-Revenue Loops	Ques. (3) Usage Study Included	Question (5) Gross Investment in Distrib. Plant: Buried	Underground	Aerial
ARCHFLMA										
BCRTFLBB										
BCRTFLMA										
BCRTFLSA										
BGPIFLMA										
BKVLFLJF										
BLDWFLMA										
BLGLFLMA										
BNNLFLMA										
BRSNFLMA										
BYBHFLMA										
CCBHFLAF										
CCBHFLMA										
CDKYFLMA										
CFLDFLMA										
CHPLFLJA										
CNTMFLLE										
COCOFLMA										
COCOFLME										
CSCYFLBA										
DBRYFLDL										
DBRYFLMA										
DELDFLMA										
DLBHFLKP										
DLBHFLMA										
DLSPFLMA										
DNLNFLWM										
DRBHFLMA										
DYBHFLFN										
DYBHFLMA										
DYBHFLOB										

WIRE CENTER LEVEL DATA -- Attachment 1

Company: BellSouth
Study Area: Florida

WC by Bellcore CLLI code	Question (1) Number of Switched Working Loops			Non-switched Working Loops	Non-Working Loops	Non-Revenue Loops	Ques. (3) Usage Study Included	Question (5) Gross Investment in Distrib. Plant		
	Residential	Sngl. Line Business	Multi Line Business					Buried	Underground	Aerial
DYBHFLOS										
DYBHFLPO										
EGLLFLBG										
EGLLFLIH										
EORNFLMA										
FLBHFLMA										
FMTNALNM										
FRBHFLFP										
FTGRFLMA										
FTLDFLAP										
FTLDFLCR										
FTLDFLCY										
FTLDFLJA										
FTLDFLMR										
FTLDFLOA										
FTLDFLPL										
FTLDFLSG										
FTLDFLSU										
FTLDFLWN										
FTPRFLMA										
GCSPFLCN										
GCVLFLMA										
GENVFLMA										
GLBRFLMC										
GSVLFLMA										
GSVLFLNW										
HAVNFLMA										
HBSDFLMA										
HLNVFLMA										
HLWDFLHA										
HLWDFLMA										

WIRE CENTER LEVEL DATA -- Attachment 1

Company: BellSouth
Study Area: Florida

WC by Bellcore CLLI code	Question (1) Number of Switched Working Loops: Residential	Sngl. Line Business	Multi Line Business	Non-switched Working Loops	Non-Working Loops	Non-Revenue Loops	Ques. (3) Usage Study Included	Question (5) Gross Investment in Distrib. Plant: Buried	Underground	Aerial
HLWDFLPE										
HLWDFLWH										
HMSTFLAF										
HMSTFLEA										
HMSTFLHM										
HMSTFLNA										
HTISFLMA										
HWTHFLMA										
ISLMFLMA										
JAY FLMA										
JCBHFLAB										
JCBHFLMA										
JCBHFLSP										
JCVLFLAR										
JCVLFLBW										
JCVLFLCL										
JCVLFLFC										
JCVLFLIA										
JCVLFLJT										
JCVLFLLF										
JCVLFLNO										
JCVLFLOW										
JCVLFLRV										
JCVLFLSJ										
JCVLFLSM										
JCVLFLWC										
JPTRFLMA										
KYHGFLMA										
KYLRFLLS										
KYLRFLMA										
KYWSFLMA										

WIRE CENTER LEVEL DATA -- Attachment 1

Company: BellSouth
Study Area: Florida

WC by Bellcore CLLI code	Question (1) Number of Switched Working Loops: Residential	Sngl. Line Business	Multi Line Business	Non-switched Working Loops	Non-Working Loops	Non-Revenue Loops	Ques. (3) Usage Study Included	Question (5) Gross Investment in Distrib. Plant: Buried	Underground	Aerial
LKCYFLMA										
LKMRFLMA										
LYHNFLOH										
MCNPFLMA										
MDBGFLPM										
MIAMFLAE										
MIAMFLAL										
MIAMFLAP										
MIAMFLBA										
MIAMFLBC										
MIAMFLBR										
MIAMFLCA										
MIAMFLDB										
MIAMFLFL										
MIAMFLGR										
MIAMFLHL										
MIAMFLIC										
MIAMFLKE										
MIAMFLME										
MIAMFLNM										
MIAMFLNS										
MIAMFLOL										
MIAMFLPB										
MIAMFLPL										
MIAMFLRR										
MIAMFLSH										
MIAMFLSO										
MIAMFLWD										
MIAMFLWM										
MICCFLBB										
MLBRFLMA										

WIRE CENTER LEVEL DATA -- Attachment 1

Company: BellSouth
Study Area: Florida

WC by Bellcore CLLI code	Question (1) Number of Switched Working Loops: Residential	Sngl. Line Business	Multi Line Business	Non-switched Working Loops	Non-Working Loops	Non-Revenue Loops	Ques. (3) Usage Study Included	Question (5) Gross Investment in Distrib. Plant: Buried	Underground	Aerial
MLTNFLRA										
MNDRFLAV										
MNDRFLLO										
MNDRFLLW										
MNSNFLMA										
MRTHFLVE										
MXVLFLMA										
NDADFLAC										
NDADFLBR										
NDADFLGG										
NDADFLOL										
NKLRFLMA										
NSBHFLMA										
NWBYFLMA										
OKHLFLMA										
OLTWFLLN										
ORLDFLAP										
ORLDFLCL										
ORLDFLMA										
ORLDFLPC										
ORLDFLPH										
ORLDFLSA										
ORPKFLMA										
ORPKFLRW										
OVIDFLCA										
PACEFLPV										
PAHKFLMA										
PCBHFLNT										
PLCSFLMA										
PLTKFLMA										
PMBHFLCS										

WIRE CENTER LEVEL DATA -- Attachment 1

Company: BellSouth
Study Area: Florida

WC by Bellcore CLLI code	Question (1) Number of Switched Working Loops: Residential	Sngl. Line Business	Multi Line Business	Non-switched Working Loops	Non-Working Loops	Non-Revenue Loops	Ques. (3) Usage Study Included	Question (5) Gross Investment in Distrib. Plant: Buried	Underground	Aerial
PMBHFLFE										
PMBHFLMA										
PMBHFLNP										
PMBHFLTA										
PMPKFLMA										
PNCYFLCA										
PNCYFLMA										
PNSCFLBL										
PNSCFLFP										
PNSCFLHC										
PNSCFLPB										
PNSCFLWA										
PNVDFLMA										
PRRNFLMA										
PRSNFLFD										
PTSLFLMA										
PTSLFLSO										
SBSTFLFE										
SBSTFLMA										
SGKYFLMA										
SNFRFLMA										
STAGFLBS										
STAGFLMA										
STAGFLSH										
STRTFLMA										
SYHSFLCC										
TRENFLMA										
TTVLFLMA										
VERNFLMA										
VRBHFLBE										
VRBHFLMA										

WIRE CENTER LEVEL DATA – Attachment 1

Company: BellSouth
Study Area: Florida

WC by Bellcore CLLI code	Question (1) Number of Switched Working Loops			Non-switched Working Loops	Non-Working Loops	Non-Revenue Loops	Ques. (3) Usage Study Included	Question (5) Gross Investment in Distrib. Plant		
	Residential	Sngl. Line Business	Multi Line Business					Buried	Underground	Aerial
WELKFLMA										
WPBHFLAN										
WPBHFLGA										
WPBHFLGR										
WPBHFLHH										
WPBHFLLE										
WPBHFLRB										
WPBHFLRP										
WWSPFLHI										
WWSPFLSH										
YNFNFLMA										
YNTWFLMA										
YULEFLMA										
199										

WIRE CENTER LEWIRE CENTER LEVEL DATA – Attachment 1

Company: BellSouth
Study Area: Florida

WC by Bellcore CLLI code	Gross Investment in Feeder Plant			Distribution Loop Length			Feeder Loop Length			Question (7) Feeder Utilization	Distribution Utilization
	Buried	Underground	Aerial	Buried	Underground	Aerial	Buried	Underground	Aerial		
ARCHFLMA										59.12%	38.40%
BCRTFLBB										-	-
BCRTFLMA										69.37%	45.79%
BCRTFLSA										77.23%	46.18%
BGPIFLMA										71.74%	26.92%
BKVLFLJF										56.57%	38.02%
BLDWFLMA										61.16%	41.45%
BLGLFLMA										53.63%	37.91%
BNNLFLMA										58.26%	46.38%
BRSNFLMA										57.80%	33.58%
BYBHFLMA										67.42%	41.61%
CCBHFLAF										25.90%	-
CCBHFLMA										67.56%	42.96%
CDKYFLMA										58.33%	36.64%
CFLDFLMA										54.69%	38.67%
CHPLFLJA										62.75%	50.82%
CNTMFLLE										58.81%	45.38%
COCOFLMA										65.24%	39.33%
COCOFLME										66.74%	41.13%
CSCYFLBA										49.96%	41.56%
DBRYFLDL										69.13%	35.07%
DBRYFLMA										69.62%	35.07%
DELDFLMA										60.84%	40.44%
DLBHFLKP										67.36%	41.98%
DLBHFLMA										67.58%	39.46%
DLSPFLMA										50.04%	36.27%
DNLNFLWM										50.39%	34.01%
DRBHFLMA										68.81%	42.49%
DYBHFLFN										48.98%	39.75%
DYBHFLMA										54.54%	40.46%
DYBHFLOB										60.23%	40.13%

WIRE CENTER LEWIRE CENTER LEVEL DATA – Attachment 1

Company: BellSouth
Study Area: Florida

WC by Bellcore CLLI code	Gross Investment in Feeder Plant			Distribution Loop Length			Feeder Loop Length			Question (7) Feeder Utilization	Distribution Utilization
	Buried	Underground	Aerial	Buried	Underground	Aerial	Buried	Underground	Aerial		
DYBHFLOS										63.44%	40.59%
DYBHFLPO										64.45%	40.48%
EGLLFLBG										72.40%	39.62%
EGLLFLIH										70.12%	40.05%
EORNFLMA										62.30%	43.25%
FLBHFLMA										59.89%	38.35%
FMTNALNM										-	-
FRBHFLFP										67.89%	37.18%
FTGRFLMA										52.39%	39.70%
FTLDFLAP										47.43%	47.79%
FTLDFLCR										67.53%	41.65%
FTLDFLCY										66.72%	41.22%
FTLDFLJA										74.35%	44.48%
FTLDFLMR										62.04%	40.79%
FTLDFLOA										74.56%	42.47%
FTLDFLPL										70.09%	40.15%
FTLDFLSG										54.12%	43.01%
FTLDFLSU										72.88%	42.70%
FTLDFLWN										62.24%	50.72%
FTPRFLMA										66.37%	35.23%
GCSPFLCN										52.52%	36.47%
GCVLFLMA										46.37%	44.42%
GENVFLMA										55.41%	35.76%
GLBRFLMC										68.36%	42.20%
GSVLFLMA										59.07%	43.75%
GSVLFLNW										57.14%	39.53%
HAVNFLMA										62.84%	44.18%
HBSDFLMA										62.58%	37.08%
HLNVFLMA										60.29%	38.70%
HLWDFLHA										70.63%	42.68%
HLWDFLMA										66.20%	42.62%

WIRE CENTER LEWIRE CENTER LEVEL DATA -- Attachment 1

Company: BellSouth
Study Area: Florida

WC by Bellcore CLLI code	Gross Investment in Feeder Plant			Distribution Loop Length			Feeder Loop Length			Question (7) Feeder Utilization	Distribution Utilization
	Buried	Underground	Aerial	Buried	Underground	Aerial	Buried	Underground	Aerial		
HLWDFLPE										64.11%	48.57%
HLWDFLWH										71.84%	43.32%
HMSTFLAF										-	-
HMSTFLEA										23.44%	37.27%
HMSTFLHM										53.88%	32.37%
HMSTFLNA										41.38%	33.88%
HTISFLMA										75.41%	41.37%
HWTHFLMA										53.55%	42.48%
ISLMFLMA										64.71%	38.73%
JAY FLMA										-	-
JCBHFLAB										75.22%	42.27%
JCBHFLMA										70.02%	39.59%
JCBHFLSP										66.94%	45.54%
JCVLFLAR										56.35%	37.72%
JCVLFLBW										63.58%	40.81%
JCVLFLCL										41.94%	30.35%
JCVLFLFC										60.24%	41.76%
JCVLFLIA										61.01%	35.73%
JCVLFLJT										47.84%	41.59%
JCVLFLLF										59.31%	31.19%
JCVLFLNO										57.82%	37.57%
JCVLFLOW										53.64%	36.61%
JCVLFLRV										67.94%	38.00%
JCVLFLSJ										62.60%	39.57%
JCVLFLSM										51.00%	37.09%
JCVLFLWC										68.35%	39.35%
JPTRFLMA										76.92%	42.01%
KYHGFLMA										66.14%	32.10%
KYLRFLLS										67.12%	35.48%
KYLRFLMA										61.23%	37.41%
KYWSFLMA										68.26%	42.08%

WIRE CENTER LEWIRE CENTER LEVEL DATA – Attachment 1

Company: BellSouth
Study Area: Florida

WC by Bellcore CLLI code	Gross Investment in Feeder Plant			Distribution Loop Length			Feeder Loop Length			Question (7) Feeder Utilization	Distribution Utilization
	Buried	Underground	Aerial	Buried	Underground	Aerial	Buried	Underground	Aerial		
LKCYFLMA										50.58%	40.23%
LKMRFLMA										55.53%	49.43%
LYHNFLOH										64.00%	40.75%
MCNPFLMA										54.24%	42.27%
MDBGFLPM										62.80%	33.05%
MIAMFLAE										68.25%	38.85%
MIAMFLAL										61.52%	36.57%
MIAMFLAP										37.35%	31.35%
MIAMFLBA										72.12%	40.79%
MIAMFLBC										53.22%	34.46%
MIAMFLBR										56.57%	38.19%
MIAMFLCA										70.43%	44.88%
MIAMFLDB										53.12%	39.59%
MIAMFLFL										66.60%	39.75%
MIAMFLGR										37.95%	34.82%
MIAMFLHL										67.63%	42.17%
MIAMFLIC										59.58%	35.71%
MIAMFLKE										56.80%	38.86%
MIAMFLME										55.68%	35.02%
MIAMFLNM										65.08%	38.70%
MIAMFLNS										59.57%	35.90%
MIAMFLOL										62.39%	39.93%
MIAMFLPB										60.43%	41.31%
MIAMFLPL										59.11%	42.51%
MIAMFLRR										64.43%	40.34%
MIAMFLSH										56.23%	34.34%
MIAMFLSO										74.18%	46.44%
MIAMFLWD										77.33%	42.22%
MIAMFLWM										68.21%	43.37%
MICCFLBB										62.85%	40.66%
MLBRFLMA										71.19%	45.25%